SWBAT

use the Moving Man to predict and explain position and velocity graphs

Sep 4-7:31 AM

SECA CP Physics
Monday 19 October 2015

Welcome!!!

H. Leslie Grebe
Room C-244

- MONDAY:Have SchoolView up. Any make-up work?
- Grab a computer and log in!

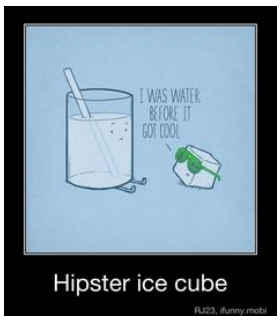
Homework: Due Wednesday 10/21
Presentation limited to 3 people
Parts 1-7 in everyone's notebook!

Opening Activity:

- Any questions about the project / presentation?

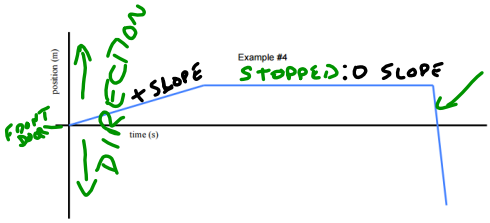
Centering (jokes)

- Back to work on "Moving Man": PREDICT!



Sep 7-7:04 AM

The Slope of Position vs. Time Graphs



SPEED

What is **SLOPE** telling us about the motion???

+ & − DIRECTION

★ IS VELOCITY

GOOGLE:

PHET Moving Man:

Complete parts 1-**6** on separate paper to turn in (I am providing a packet for answers).

- PREDICTION (IN PENCIL)
- RESULT (IN COLOR)
- EXPLANATION:

Oct 14-8:49 AM

Ball / Ramp Experiment:

- When should it be due? WED 10/21

NO MORE CLASS WORK TIME
EXCEPT CLARIFYING QUESTIONS
AT THE START OF CLASS

- How should we grade the project?

- EVERYONE HAS ALL PARTS 1-7 IN THEIR NOTEBOOK
- GLUE RUBRIC ON PG. 25
  ↳ ON LEFT TELL LESLIE WHAT PAGE TO FIND THINGS.

- How to grade presentations

- LIMIT 3 PEOPLE / GROUP
  ↳ CAN DO INDIVIDUAL PRESENTATION
- READY TO GO WED 10/21 OR DEDUCTION

Oct 13-10:11 AM

InterActive Notebook - Table of Contents

Unit_____ Chapters_____ Date_____

Sep 5-9:09 AM

Page 20: Lab Journal 10/7/15
Find a partner for today and record who...

THE CHALLENGE

Is the ball going a constant speed on the flat? How could you show that?

1a) What do you think you will find?
LONG FLAT = EASIER TO TIME

1b) PLAN... How will you find speed along the flat? Mess with equipment (don't collect data), see what works... DISTANCES & TIMES

Page 21: Lab Journal 10/8/15
2) List materials you will need 2.32 m

3) Diagram (= picture) and label set up

4) Step by step procedure FOR DATA
#1) SET UP RAMP AS IN DIAGRAM

Page 24: Lab Journal 10/12/15
Find partners for today and record who...

5) Record data in a table (=grid of numbers) with headings, units (see examples p. 11 &13)

Page 25: Glue in Rubric
- on left side list the notebook page to find each part

Page 26-27:
-More space for completing project.
-May need to attache more paper to bottom and fold in.

Oct 6-10:19 AM